

INTERNATIONAL SEARCH REPORT

Inter Application No

PCT/GB 03/02428

A. CLASSIFICATION OF SUBJECT MATTER

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A01N41/10 A01N41/04 A01N35/06 A01N25/04 A01N25/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X | WO 02 19823 A (SYNGENTA PARTICIPATIONS AG ;BECKETT THOMAS HOMER (US); WICHERT REX) 14 March 2002 (2002-03-14) | 1-6,11 |
| A | page 1 -page 2, line 15 page 3, line 19 - line 25 page 4, line 9 - line 18 --- | 1-11 |
| X | WO 02 21919 A (PALLETT KEN ;AVENTIS CROPSCIENCE SA (FR); SLATER ASHLEY (GB)) 21 March 2002 (2002-03-21) example C1 --- | 1-6,11 |
| X | WO 01 43550 A (AVENTIS CROPSCIENCE SA ;IRONS STEPHEN MALCOLM (US)) 21 June 2001 (2001-06-21) claims 1,2; tables --- | 1-6,11 |
| | --- | |
| | ---/--- | |

X Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

17 September 2003

Date of mailing of the international search report

26/09/2003

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PCT/GB 03/02428

| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|--|--|-----------------------|
| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| A | WO 01 95722 A (ZENECA LTD) 20 December 2001 (2001-12-20) page 1 -page 2, line 24 ---- | 1-11 |
| A | US 4 776 882 A (JOHNSON ROY R) 11 October 1988 (1988-10-11) column 1, line 50 -column 2, line 33; example 1 ---- | 1,7,8,11 |
| A | EP 0 579 052 A (SCHOENHERR JOERG) 19 January 1994 (1994-01-19) cited in the application page 3, line 1 - line 55 page 4, line 29 - line 32; figures 16-26 ---- | 1,7,8,11 |
| A | WO 93 04585 A (SCHERING AG) 18 March 1993 (1993-03-18) cited in the application page 1 -page 2, line 1; claims ---- | 1,7,9-11 |
| A | WO 94 18837 A (SCHERING AG ;MACH MARTIN (DE); FISCHER BERND (DE); BOHNER JUERGEN) 1 September 1994 (1994-09-01) cited in the application page 1 -page 2, line 4 ----- | 1,7,9,11 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/GB 03/02428

| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|---|---------------------|---|--|
| WO 0219823 | A | 14-03-2002 | AU 9409101 A BR 0113716 A CA 2416776 A1 CZ 20030675 A3 EP 1317179 A2 WO 0219823 A2 NO 20031023 A | 22-03-2002 22-07-2003 14-03-2002 18-06-2003 11-06-2003 14-03-2002 05-03-2003 |
| WO 0221919 | A | 21-03-2002 | AU 1392002 A BR 0113920 A WO 0221919 A1 EP 1331849 A1 | 26-03-2002 29-07-2003 21-03-2002 06-08-2003 |
| WO 0143550 | A | 21-06-2001 | AU 2842501 A WO 0143550 A2 | 25-06-2001 21-06-2001 |
| WO 0195722 | A | 20-12-2001 | WO 0195722 A1 AU 5689100 A BG 107186 A BR 0017250 A CA 2405977 A1 CZ 20023990 A3 EP 1294231 A1 NO 20025802 A | 20-12-2001 24-12-2001 30-05-2003 01-07-2003 20-12-2001 16-04-2003 26-03-2003 03-12-2002 |
| US 4776882 | A | 11-10-1988 | AR 240380 A1 AU 572103 B2 AU 2282783 A EP 0116229 A2 EP 0230902 A1 KR 8901526 B1 PH 22553 A CA 1208929 A1 JP 1507166 C JP 59152301 A JP 63052001 B NZ 206709 A ZA 8309580 A | 30-04-1990 05-05-1988 05-07-1984 22-08-1984 05-08-1987 06-05-1989 17-10-1988 05-08-1986 13-07-1989 31-08-1984 17-10-1988 11-07-1986 29-08-1984 |
| EP 0579052 | A | 19-01-1994 | DE 4319263 A1 AT 197750 T CA 2099631 A1 DE 59310122 D1 DK 579052 T3 EP 1018299 A2 EP 0579052 A2 ES 2152937 T3 GR 3035260 T3 | 05-01-1994 15-12-2000 04-01-1994 04-01-2001 29-01-2001 12-07-2000 19-01-1994 16-02-2001 30-04-2001 |
| WO 9304585 | A | 18-03-1993 | WO 9304585 A1 DE 69217495 D1 EP 0601006 A1 FI 940914 A JP 7501789 T PL 170531 B1 SK 18394 A3 US 5451562 A AT 148823 T | 18-03-1993 27-03-1997 15-06-1994 25-02-1994 23-02-1995 31-12-1996 10-08-1994 19-09-1995 15-02-1997 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/GB 03/02428

| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|---|---------------------|----------------------------|---------------------|
| WO 9304585 | A | | CA 2116660 A1 | 18-03-1993 |
| | | | CZ 9400451 A3 | 19-10-1994 |
| | | | HU 66736 A2 | 28-12-1994 |
| | | | IL 102869 A | 12-09-1996 |
| | | | NZ 244108 A | 27-06-1995 |
| | | | SI 9200181 A | 31-03-1993 |
| | | | TR 26439 A | 15-03-1995 |
| WO 9418837 | A | 01-09-1994 | DE 4305542 C1 | 21-07-1994 |
| | | | AT 151598 T | 15-05-1997 |
| | | | CA 2156494 A1 | 01-09-1994 |
| | | | DE 69402691 D1 | 22-05-1997 |
| | | | WO 9418837 A1 | 01-09-1994 |
| | | | EP 0684766 A1 | 06-12-1995 |